

**To:** Caporale, Cynthia[Caporale.Cynthia@epa.gov]  
**From:** Mapp, Latisha  
**Sent:** Fri 1/31/2014 1:44:38 PM  
**Subject:** RE: WV Spill - Lab Status 1/30

Thanks!

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**From:** Caporale, Cynthia  
**Sent:** Friday, January 31, 2014 8:27 AM  
**To:** Mapp, Latisha  
**Subject:** FW: WV Spill - Lab Status 1/30

I received an out-of-office reply for Trish. I've been keeping Trish aware of our activities so shared the information below.

Cindy

Cynthia Caporale, Chief  
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U.S. EPA Region III  
Environmental Science Center  
Fort Meade, MD  
(410) 305-2732  
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**From:** Caporale, Cynthia  
**Sent:** Friday, January 31, 2014 8:26 AM  
**To:** Kelly, Jack (R3 Phila.)  
**Cc:** Wisniewski, Patti-Kay; Pomponio, John; Wilkie, walter; Foreman, Fred; Tidwell-Shelton, Patricia  
**Subject:** WV Spill - Lab Status 1/30

Analysis of Alternate Storage Tank:

Characterization of the storage tank material is done with the exception of running the sample on the GC/IR (next week). Summary report is being compiled.

- GC/MS SVOC preliminary list of constituents submitted to Jack Kelly and Wendy Gray
- GC/MS VOC preliminary list of constituents submitted to Wendy Gray
  - o Both show presence of crude MCHM and crude PPh compounds
- Metals not detected; small amount of calcium; no mercury
- No significant amount of anions; small amount of chloride
- pH = 5
- approx. 3.7% water

Other:

- Received crude PPh and original tank material from National Guard

- Waiting for response to see if original tank material needs to be characterized
- Received two standards for diPPH
- Contacted Marshall University to speak to Professor
  - No return call or email
- Contacted Regional Lab Network and NEIC
  - R5 willing to assist with LC/MS/MS
  - According to NEIC they are already providing support to FBI and CDC with methods
- Split Samples received Thursday 1/30/14
  - Analyzing for SVOCs and VOCs; preliminary results anticipated Monday
- Formaldehyde Methods - EPA 556.1 and SW-846 8315 requires derivitization and folks familiar with running this method agree that lab contamination is an issue. Even DI water has approx. 2-3 ppb present.
- HQ OEM/Emergency Response Center requested summary of R3 Lab Efforts; sending today

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